

ABSTRACT

A process for the removal of arsine ( $\text{AsH}_3$ ) from a hydrocarbon stream, having an atmospheric boiling point lower than about  $0^\circ\text{C}$ , by contacting the hydrocarbon stream with an adsorbent that contains elemental sulphur deposited on a support material

The amount of sulfur is in the range between 5 and 25 wt.% relative to the total amount of sulfur and support material

Besides arsine also mercury may be removed from the hydrocarbon stream.